

INV = INVERT

PROP. = PROPOSED

R = RIM

THE PURPOSE OF THIS PLAN IS TO RECREATE THE ON GROUND CONDITIONS OF THE SUBJECT PROPERTIES AS THEY EXISTED DURING THE CALENDER YEAR 2018. THOSE PROPERTIES HAD THE FOLLOWING STREET ADDRESES: 1089 MILLBURY STREET

1087 MILLBURY STREET

THE REAR LOT AREA OF BOTH 1089 A+B IS TO BE LOAMED & SEEDED AS SOON AS PRACTICAL.

IF APPROVED, THE PROPOSED LAWN CATCH BASIN DRAINAGE SYSTEM WILL HAVE A 20' WIDE ACCESS, EGRESS, MAINTANENCE, AND UTILITY EASEMENT.

ON ALL SLOPES WHICH ARE BEING FINISHED GRADED, JUTE EROSION CONTROL MATS, WHICH WILL BE DIRECTLY SECURED INTO THE SLOPE WILL BE CAPABLE OF HAVING A LAYER OF GRASS. THESE MATS WILL PROMOTE THE GROWTH OF GRASS, AND WILL ALSO ALLOW A ROOT SYSTEM TO BE ESTABLISHED. THIS ESTABLISHED ROOT SYSTEM WILL ALLOW THE GRASS TO FLOURISH.

TIMELINE: (TIMES ARE IN PARENTHESES)

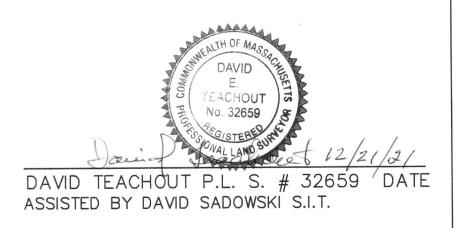
- (1 DAY) 1. INSTALL SILT FENCING WITH STRAW WATTLE AS SHOWN ON THIS PLAN.
- 2. BRING SUITABLE FILL MATERIAL TO THE JOB SITE TO REPLACE THE (1 DAYS) EXCAVATED HILLSIDE EARTHEN MATERIAL PREVIOUSLY, ANY EXCESS EXCAVATED MATERIAL WAS TAKEN OFF SITE.
- 3. WHILE MATERIAL IS BEING BROUGHT TO THE SITE, SIMULTANEOUSLY START (2 DAYS) THE FINISH GRADING OF THE EXPOSED HILLSIDE SLOPE.
- 4. WHEN FINISH GRADING OF THE CUT SECTION OF THE HILLSIDE IS START COMPLETED, SPREADING A 4" THICK LAYER OF LOAM OVER (1 DAY) THE FINISH GRADED SLOPED FILL MATERIAL.
- 5. INSTALL AND SECURE THE EROSION CONTROL MATS OVER THE LOAM & SEED. THESE JUTE EROSION CONTROL MATS ARE 100% BIODEGRADABLE. (2 DAYS) THESE MATS ARE DESIGNED TO ALLOW THE SEED TO GERMINATE AND ESTABLISH A FIRM ROOT SYSTEM FOR THE GRASS.
- 6. SPRAY WINTER TYPE GRASS MIX ON THE SITE.
- 7. WHEN THE SLOPE IS STABLIZED, CONSTRUCTION OF THE 2 (TWO) LAWN CATCH BASINS CAN BEGIN. THE 12" DIAMETER PERFORATED PIPING BETWEEN THE THE CATCH BASINS WILL ACT AS A LEACHING TRENCH. THIS LEACHING ACTION WILL ALLOW FOR A RECHARGE OF THE AQUIFER
- 8. DIRECTLY ABOVE THE 12" PIPING WILL BE A DRAINAGE COLLECTION SWALE. (1 DAY) THIS PAROBOLIC SWALE IS TO BE 1.5' DEEP BY 3' WIDE.
- 9. WHEN WHEN THE DRAINAGE WORK IS COMPLETED, ALL EXPOSED EARTH AREA ON ALL OF THE LOTS ARE TO BE LOAMED AND SEEDED AS SOON AS PRACTICAL

1089A & 1089B IMPERVIOUS CALCULATIONS A = DUPLEX W / DECKS = 1,824 SFA= ALL AREAS OF PAVEMENT = $2,145 \text{ SF } (+/_)$ TOTAL IMPERVIOUS = $3,969 \text{ SF } (+/_)$

TOTAL (GOLD STAR) LAND AREA AREA = 30,097 SF $\frac{\text{PERCENT}}{\text{IMPERVIOUS}} = \frac{3,969 \text{ SF}}{30,097 \text{ SF}} = 13.18 \%$

A= RIP RAP STONE AREA = 2,200 SF

THE CONTENTS OF THE PLAN DEPICTS ON-GROUND CONDITIONS UNLESS THEY ARE LABELED PROPOSED.



DEFINITIVE SITE PLAN 1087 & 1089 A&B MILLBURY ST WORCESTER, MASSACHUSETTS

PREPARED FOR:

GOLD STAR CONSTRUCTION 6 JACQUES STREET

WORCESTER, MA.

OWNER:

GOLD STAR CONSTRUCTION 6 JACQUES STREET WORCESTER, MA.



D. J. & ASSOCIATES 7 CEDAR STREET CLINTON, MA 01510

978-875-0741

DATE: FEBRUARY 19, 2021

SCALE: 1" = 20'